

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/DE 03/03065

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7, B60R16/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 38 43 673 A (BAYERISCHE MOTOREN WERKE AG) 5 July 1990 (1990-07-05) column 2, line 34 - line 60; figure 1 abstract	1-8
Y	DE 36 09 704 A (BERGMANN KABELWERKE AG) 24 September 1987 (1987-09-24) column 3, line 26 - line 53; figures 1-4 abstract	1-8
A	US 4 815 984 A (SAWAI MAMORU ET AL) 28 March 1989 (1989-03-28) abstract; figures 1-7	1-8
A	EP 0 507 225 A (MAZDA MOTOR ;YAZAKI CORP (JP)) 7 October 1992 (1992-10-07) abstract; figures 1-13	1-8
	--- -/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

28 January 2004

Date of mailing of the international search report

05/02/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Wauters, J

Rec'd PCT/PTO 07 APR 2005

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/DE 03/03065

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
------------	--	-----------------------

A

US 5 711 675 A (NAKAYAMA YOSHIKI ET AL)
 27 January 1998 (1998-01-27)
 abstract; figures 1-35

1-8

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DE 03/03065

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 3843673	A	05-07-1990	DE 3843673 A1	05-07-1990
DE 3609704	A	24-09-1987	DE 3609704 A1	24-09-1987
US 4815984	A	28-03-1989	DE 3804086 A1	18-08-1988
			GB 2202392 A , B	21-09-1988
EP 0507225	A	07-10-1992	JP 3011521 B2	21-02-2000
			JP 5058230 A	09-03-1993
			DE 69214182 D1	07-11-1996
			DE 69214182 T2	06-02-1997
			DE 69229361 D1	08-07-1999
			DE 69229361 T2	30-12-1999
			EP 0507225 A1	07-10-1992
			EP 0714812 A2	05-06-1996
			KR 9700298 B1	08-01-1997
			US 5623169 A	22-04-1997
US 5711675	A	27-01-1998	JP 3135014 B2	13-02-2001
			JP 6276644 A	30-09-1994
			JP 2926674 B2	28-07-1999
			JP 7047869 A	21-02-1995
			JP 2974112 B2	08-11-1999
			JP 7193942 A	28-07-1995
			DE 4409183 A1	27-10-1994
			DE 4447719 C2	04-02-1999
			US 5615080 A	25-03-1997